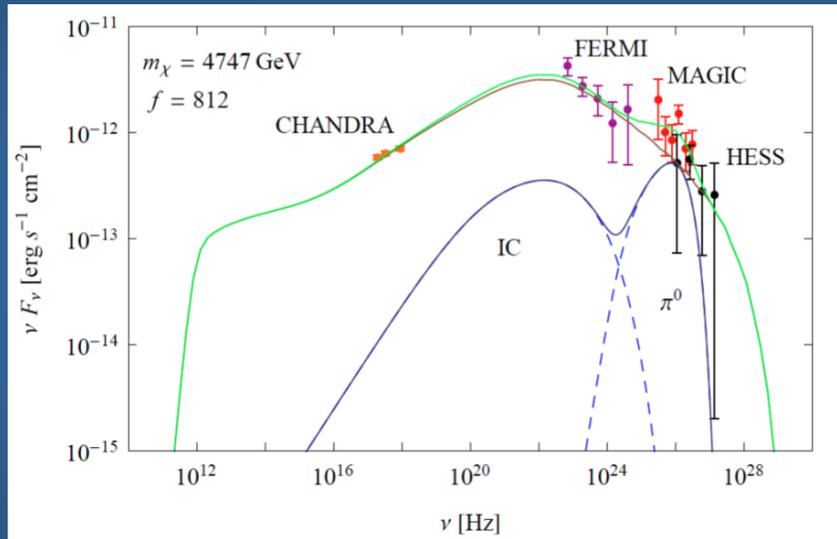


Sheetal Saxena

- 11 FERMI-detected Radio Galaxies, 4 TeV-detected
- M87, IC310, NGC1275, CenA
- Good sample for multiwavelength modeling (SSC)
- SSC + DM Constraints on Dark Matter Annihilation in M87 arxiv.org/abs/1111.3868



$$\chi\bar{\chi} \rightarrow bb, WW, ll$$

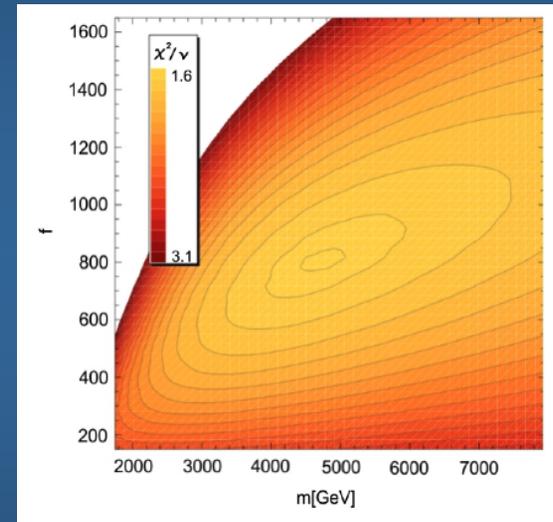
$$\pi^+ \rightarrow \mu^+ + \nu_\mu$$

$$\pi^- \rightarrow \mu^- + \bar{\nu}_\mu$$

$$\pi^0 \rightarrow \gamma + \gamma$$

$$\mu^+ \rightarrow e^+ + \nu_e + \bar{\nu}_\mu$$

$$\mu^- \rightarrow e^- + \bar{\nu}_e + \nu_\mu$$



- Contemporaneous is key
- Luminosity Function
- Contribution of Radio Galaxies to the EGRB